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USDA in cooperation with the PA Department of Agriculture - - - - providing timely, accurate, and useful statistics in service to U.S. agriculture

Results of the 2004 Floriculture Survey

For the complete report with many more details, search on the keyword 'floriculture' at www.usda.gov/nass/search.htm

The 2004 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled \$186.1 million, up slightly from 2003. Pennsylvania ranked seventh nationally in wholesale sales of floriculture crops.

The wholesale value of cut flowers sold in 2004 totaled \$2.5 million, down \$0.1 million from 2003. The value of sales at wholesale of potted flowering plants was \$41.0 million, remaining steady from 2003. Pennsylvania ranked fifth nationally for the value of sales at wholesale of potted flowering plants. Sales of foliage plants for indoor or patio use were \$3.8, down \$0.3 million from 2003. Sales of all bedding

and garden plants in flats, pots and baskets totaled \$84.9 million, down \$0.3 million from 2003.

The total covered growing area for Pennsylvania in 2004 was 23.0 million square feet, remaining steady from 2003. The types of covered growing area were: glass greenhouses, 4.1 million square feet; fiberglass and other rigid greenhouses, 2.6 million square feet; film plastic (single/multi) greenhouses, 16.0 million square feet; and shade and temporary cover, 290,000 square feet. Growers also used 579 acres of open grown in 2004. There were 865 growers in 2004, compared to 892 growers in 2003.



Pennsylvania: Number of Growers, Reported Gross Value of Sales, 2003-2004

Value of Sales	2003	2004
	<i>Number</i>	
\$10,000 - \$19,999	139	123
\$20,000 - \$39,999	172	164
\$40,000 - \$49,999	93	69
\$50,000 - \$99,999	255	281
\$100,000 - \$499,999	178	176
\$500,000 or More	55	52
TOTAL	892	865
	<i>1,000 Dollars</i>	
Expanded wholesale value ¹	185,544	186,123

¹ Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.



Pennsylvania: Growing Area by Type of Cover, All Operations with \$10,000+ Sales, 2003-2004

Type of Cover	2003	2004
	<i>Number</i>	
Total number of growers	892	865
	<i>1,000 Square Feet</i>	
Glass greenhouses	4,136	4,104
Fiberglass & other rigid greenhouses	2,594	2,608
Film plastic (single/multi) greenhouses	15,935	15,987
TOTAL GREENHOUSE COVER	22,699	22,665
Shade and temporary cover	386	290
TOTAL COVERED AREA	23,051	22,989
	<i>Acres</i>	
Open ground	582	579

Pennsylvania: Growing Area by Type of Cover, All Operations with \$100,000+ Sales, 2003-2004

Type of Cover	2003	2004
	<i>Number</i>	
Total number of growers	233	228
	<i>1,000 Square Feet</i>	
Glass greenhouses	3,450	3,533
Fiberglass & other rigid greenhouses	1,932	1,863
Film plastic (single/multi) greenhouses	11,768	11,416
TOTAL GREENHOUSE COVER	16,798	17,164
Shade and temporary cover	264	205
TOTAL COVERED AREA	17,062	17,369
	<i>Acres</i>	
Open ground	293	304

Pennsylvania: Floriculture Crops - Wholesale Value of Sales by Category for Operations with \$100,000+ Sales, 2003-2004

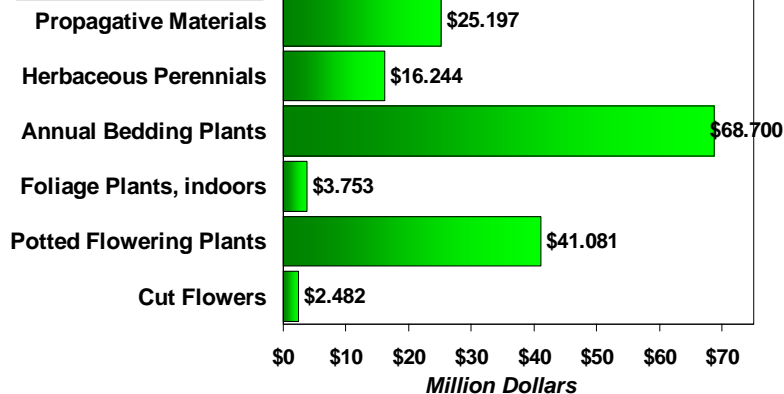
Category	2003	2004
	<i>1,000 Dollars</i>	
Total cut flowers	2,606	2,482
Total potted flowering plants	40,839	41,081
Total foliage for indoor or patio use	4,024	3,753
Total bedding/garden plants ¹	85,259	84,944
Annual bedding/garden plants	65,653	68,700
Herbaceous perennial plants	19,606	16,244
Propagative materials	24,598	25,197
TOTAL wholesale value (reported crops)	157,326	157,457

¹ Includes annual bedding plants and herbaceous perennials.

PA Floriculture Crops, 2004

Wholesale Value of Sales = \$157.5 million

From 228 Farms with
\$100,000+ Sales



Apr 2005

National Ag Statistics Service-PA, USDA

Pennsylvania: Cut Flowers - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2003-2004

Type	Year	Producers	Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
	<i>Number</i>	<i>Number</i>	<i>1,000 Bunches</i>	<i>Percent</i>	<i>Dols. per Bunch</i>	<i>1,000 Dollars</i>
Chrysanthemums, pompon	2003	6	14	35	1.52	21
	2004	6	16	26	2.16	35
			<i>1,000 Spikes</i>		<i>Cents per Spike</i>	
Snapdragons	2003	10	634	96	45.2	287
	2004	10	618	97	54.1	334
			<i>1,000 Stems</i>		<i>Cents per Stem</i>	
Iris	2003	6	40	60	43.7	17
	2004	6	32	42	41.9	13
Roses, all	2003	5	2,381	79	48.0	1,143
	2004	4	1,863	77	45.5	848

¹ Equivalent wholesale value of all sales.

Pennsylvania: Potted Flowering Plants - Producers and Pots Sold for Operations with \$100,000+ Sales, 2003-2004

Flower Type	Producers		Quantity Sold				Percent of Sales at Wholesale		Wholesale Price				Value of All Sales at Wholesale ¹	
	2003	2004	Less Than 5 Inch		5 Inch or More				Less Than 5 Inch		5 Inch or More			
			2003	2004	2003	2004	2003	2004	2003	2004	2003	2004		
	Number		1,000 Pots				Percent		Dollars per Pot				1,000 Dollars	
African violets ^{2 3}	13	13	418	396	-	-	95	99	1.05	1.07	-	-	437	423
Finished florist azaleas ^{2 3}	27	27	-	-	74	67	90	87	-	-	4.04	3.87	299	259
Florist chrysanthemums	73	69	387	442	374	800	93	95	2.87	2.79	3.74	3.86	2,509	4,321
Easter lilies ^{2 3}	75	74	-	-	804	789	94	95	-	-	3.47	3.39	2,789	2,675
Poinsettias	146	140	838	662	2,744	3,069	90	90	1.61	1.52	4.87	4.08	14,712	13,528
Florist roses	12	10	23	25	3	5	93	87	2.06	2.05	3.61	3.23	58	67
Spring flowering bulbs	78	79	893	521	915	967	91	92	1.36	1.36	3.13	3.53	4,078	4,122
Other potted flowering plants	88	81	2,500	2,473	4,152	4,036	96	96	1.36	1.31	2.93	2.97	15,565	15,227

¹ Equivalent wholesale value of all sales. ² Pot sizes have been combined to avoid disclosure of individual operations. ³ Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

Pennsylvania: Foliage Plants for Indoor or Patio Use, Potted Foliage - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2003-2004

Producers		Percent of Sales at Wholesale		Value of Sales at Wholesale ¹	
2003	2004	2003	2004	2003	2004
<i>Number</i>	<i>Number</i>	<i>Percent</i>		<i>1,000 Dollars</i>	
35	34	69	81	3,091	2,753

¹ Equivalent wholesale value of sales.

**Pennsylvania: Foliage Plants for Indoor or Patio Use Foliage Hanging Basket - Producers,
Quantity Sold, Price and Value for Operations with \$100,000 + Sales, 2003-2004**

Producers		Total Quantity Sold		Percent of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale	
2003	2004	2003	2004	2003	2004	2003	2004	2003	2004
<i>Number</i>		<i>1,000 Baskets</i>		<i>Percent</i>		<i>Dollars Per Basket</i>		<i>1,000 Dollars</i>	
57	69	231	261	90	91	4.04	3.83	933	1,000

**Pennsylvania: Potted Herbaceous Perennials - Price and Value
for Operations with \$100,000+ Sales, 2003-2004**

Flower Type	Year	Producers	Quantity Sold					Percent of Sales at Wholesale	Wholesale Price					Value of All Sales at Wholesale ¹
			Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger		Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger	
	<i>Number</i>	<i>Number</i>	<i>1,000 Pots</i>					<i>Percent</i>	<i>Dollars Per Pot</i>					<i>1,000 Dols</i>
Hardy/garden Chrysanthemum	2003	134	532	3,390	-	-	-	86	1.64	2.00	-	-	-	7,686
	2004	136	628	2,944	-	-	-	83	1.50	2.01	-	-	-	6,830
Hosta	2003	76	-	-	2	277	2	91	-	-	3	3.40	3	942
	2004	86	-	-	2	306	2	85	-	-	3	3.49	3	1,067
Other herbaceous Perennials	2003	116	-	-	2,393	1,536	124	95	-	-	2.19	3.22	6.38	10,978
	2004	115	-	-	2,127	1,401	115	95	-	-	1.49	3.14	6.77	8,347

¹ Equivalent wholesale value of all sales. ² Pot sizes have been combined to avoid disclosure of individual operations. ³ Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Annual Bedding/Garden Plants Flats (Only) - Producers, Quantity Sold,
Price and Value for Operations with \$100,000+ Sales, 2003-2004**

Annual Bedding/ Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
<i>Flats (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Flats</i>	<i>Percent</i>	<i>Dollars per Flat</i>	<i>1,000 Dollars</i>
Begonias	2003	145	169	75	7.49	1,266
	2004	139	145	64	8.26	1,198
Geraniums from vegetative cuts	2003	8	8	10	11.45	92
	2004	12	16	26	11.26	180
Geraniums from seed	2003	22	12	42	10.56	127
	2004	17	13	46	10.85	141
New Guinea Impatiens	2003	10	36	81	9.17	330
	2004	11	33	68	9.45	312
Impatiens	2003	159	650	79	6.92	4,498
	2004	151	635	80	8.35	5,302
Marigolds	2003	152	272	81	7.56	2,056
	2004	146	258	79	8.83	2,278
Pansy/Viola	2003	155	305	83	7.55	2,303
	2004	150	279	81	8.67	2,419
Petunias	2003	169	413	78	7.44	3,073
	2004	161	364	74	8.46	3,079
All other flowering & foliar plants	2003	161	1,212	73	8.24	9,987
	2004	143	904	77	8.60	7,774
Vegetative type bedding plants	2003	152	305	75	7.71	2,352
	2004	144	280	71	7.53	2,108

¹ Equivalent wholesale value of all sales.

**Pennsylvania: Annual Bedding/Garden Plants Potted (Only) - Producers, Quantity,
Price and Value for Operations with \$100,000+ Sales, 2003-2004**

Annual Bedding/Garden Plants	Year	Producers	Quantity Sold		Total	Percent of Sales at Wholesale	Wholesale Price		Value of Sales at Wholesale ¹
			Less Than 5 Inch	5 Inch or More			Less Than 5 Inch	5 Inch or More	
<i>Potted Plants (ONLY)</i>		<i>Number</i>	<i>1,000 Pots</i>			<i>Percent</i>	<i>Dollars Per Pot</i>		<i>1,000 Dols.</i>
Begonias	2003	81	414	107	521	86	0.96	1.63	572
	2004	81	362	76	438	86	0.94	1.50	456
Geraniums from vegetative cuts	2003	167	3,514	385	3,901	79	1.43	3.20	6,260
	2004	169	3,783	608	4,391	81	1.41	2.71	6,980
Geraniums from seed	2003	65	2,827	28	2,855	90	0.76	1.25	2,184
	2004	56	2,232	44	2,276	94	0.74	1.03	1,697
New Guinea Impatiens	2003	156	994	122	1,116	73	1.30	3.36	1,702
	2004	156	1,031	273	1,304	77	1.36	2.33	2,038
Impatiens	2003	67	613	147	760	94	0.82	2.43	860
	2004	65	536	175	711	93	0.84	2.70	923
Marigolds	2003	50	239	100	339	88	0.81	1.47	341
	2004	48	201	86	287	87	0.78	1.42	279
Pansy/Viola	2003	46	484	215	699	93	0.73	1.83	747
	2004	41	496	168	664	93	0.72	2.38	757
Petunias	2003	92	690	420	1,110	92	0.73	2.95	1,743
	2004	84	627	473	1,100	92	0.72	1.95	1,374
All other flowering & foliar plants	2003	126	5,049	1,422	6,471	90	0.96	3.59	9,952
	2004	119	6,490	2,311	8,801	93	0.92	3.39	13,805
Vegetative type bedding plants	2003	88	1,588	284	1,872	87	1.00	1.45	2,000
	2004	91	1,346	266	1,612	87	0.97	1.49	1,702

¹ Equivalent wholesale value of all sales.

**Pennsylvania: Annual Bedding/Garden Plants Hanging Baskets (Only) - Producers,
Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2003-2004**

Annual Bedding/Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
<i>Hanging Baskets (ONLY)</i>		<i>Number</i>	<i>1,000 Baskets</i>	<i>Percent</i>	<i>Dols. per Basket</i>	<i>1,000 Dollars</i>
Begonias	2003	91	85	77	5.70	485
	2004	92	86	69	5.61	482
Geraniums from seed	2003	9	7	43	6.28	44
	2004	10	4	30	7.32	29
Geraniums from vegetative cuts	2003	120	233	83	6.87	1,601
	2004	118	316	86	6.67	2,108
New Guinea Impatiens	2003	118	269	87	5.99	1,611
	2004	117	276	88	5.82	1,606
Impatiens	2003	101	227	90	4.42	1,003
	2004	93	197	90	4.18	823
Pansy/Viola	2003	39	59	92	5.92	349
	2004	36	30	89	6.68	200
Petunias	2003	121	256	83	5.88	1,505
	2004	109	271	84	5.63	1,526
All other flowering & foliar plants	2003	139	1,182	75	5.59	6,607
	2004	131	1,292	77	5.51	7,119

¹ Equivalent wholesale value of all sales.

**Pennsylvania: Propagative (Unfinished) Floriculture Material - Total Value of Sales
by Category for Operations with \$100,000+ Sales, 2003-2004**

Year	Potted Flowering Plants	Annual Bedding/ Garden Plants	Herbaceous Perennial Plants
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
2003	1,250	6,458	¹
2004	1,014	7,502	16,048

¹ Missing data were not included in order to avoid disclosure of individual operators.